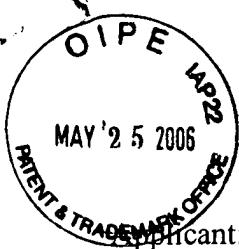


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TSW***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Mark Gregory Friesen, et al.
 Title: SPIN READOUT AND
 INITIALIZATION IN
 SEMICONDUCTOR QUANTUM
 DOTS
 Appl. No.: 10/787,075
 Filing Date: 02/25/2004
 Examiner: Sara W. Crane
 Art Unit: 2811

| | |
|--|--|
| CERTIFICATE OF MAILING | |
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below. | |
| Michelle Manning (Printed Name) | |
| <i>Michelle</i> (Signature) | |
| May 22, 2006 (Date of Deposit) | |

AMENDMENT TRANSMITTAL

Mail Stop Amendment
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an amendment in the above-identified application.

- [] Small Entity status under 37 C.F.R. § 1.9 and § 1.27 has been established by a previous assertion of Small Entity status.
- [] Assertion of Small Entity status is enclosed.
- [X] The fee required for additional claims is calculated below:

| | Claims | | Extra | | | | Additional Claims Fee | |
|------------------------|---------------|------------------------|---------|---|------|--------------|--------------------------|--|
| | As Amended | Previously Paid For | Claims | | Rate | | | |
| | | | Present | | | | | |
| Total Claims: | 24 | - | 29 | = | 0 | x \$50.00 = | \$0.00 | |
| Independent Claims: | 2 | - | 3 | = | 0 | x \$200.00 = | \$0.00 | |

| | | | | |
|--|---|----------|---|--------|
| First presentation of any Multiple Dependent Claims: | + | \$360.00 | = | \$0.00 |
|--|---|----------|---|--------|

| | | |
|------------------|---|--------|
| CLAIMS FEE TOTAL | = | \$0.00 |
|------------------|---|--------|

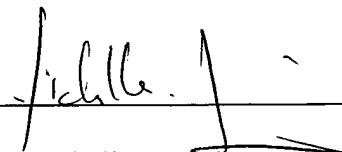
[] Applicant hereby petitions for an extension of time under 37 C.F.R. §1.136(a) for the total number of months checked below:

| | | |
|---|------------|--------|
| [] Extension for response filed within the first month: | \$120.00 | \$0.00 |
| [] Extension for response filed within the second month: | \$450.00 | \$0.00 |
| [] Extension for response filed within the third month: | \$1,020.00 | \$0.00 |
| [] Extension for response filed within the fourth month: | \$1,590.00 | \$0.00 |
| [] Extension for response filed within the fifth month: | \$2,160.00 | \$0.00 |
| EXTENSION FEE TOTAL: | | |
| | \$0.00 | |
| [] Statutory Disclaimer Fee under 37 C.F.R. 1.20(d): | \$130.00 | \$0.00 |
| CLAIMS, EXTENSION AND DISCLAIMER FEE TOTAL: | | |
| | \$0.00 | |
| [] Small Entity Fees Apply (subtract ½ of above): | \$0.00 | |
| TOTAL FEE: | | |
| | \$0.00 | |

If any extensions of time are needed for timely acceptance of papers submitted herewith, applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 50-2350.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

By 
Michelle Manning
Attorney for Applicant
Registration No. 50,592

Date May 22, 2006

FOLEY & LARDNER LLP
Customer Number: 23524
Telephone: (608) 258-4305
Facsimile: (608) 258-4258



Atty. Dkt. No. 032026-0771

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mark Gregory Friesen, et al.

Title: SPIN READOUT AND INITIALIZATION
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Examiner: Sara W. Crane

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| <i>Michelle Manningr</i> (Printed Name) | |
| <i>Michelle</i> (Signature) | |
| May 22, 2006. (Date of Deposit) | |

AMENDMENT AND REPLY UNDER 37 CFR 1.116

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Examiner Crane:

This communication is responsive to the Office Action mailed March 22, 2006, concerning the above-referenced patent application.

Applicants believe no fees are due for this filing. However, if any fees are due, the Patent Office is hereby authorized to charge any additional fees required for this filing to Deposit Account No. 50-2350. For the purpose of charging said deposit account, duplicates of pages 1 and 2 and signature page for this response are submitted herewith.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this document.

Remarks/Arguments begin on page 6 of this document.

Please amend the application as follows: